

**UTILITY PATENT APPLICATION TRANSMITTAL**

Assistant Commissioner for Patents  
Washington, D.C. 20231  
BOX PATENT APPLICATION

Attorney Docket No.: 010048

Date: August 3, 2001

Express Mail Label No.: EL 903 005 806 US

Dear Sir:

Transmitted herewith for filing is the patent application of:

Inventor(s): Messay Amerga, Christopher Patrick, Roland Rick, Douglas N. Rowitch and Saed YounisFor: **POSITION DETERMINATION IN A WIRELESS COMMUNICATION SYSTEM WITH  
DETECTION AND COMPENSATION FOR REPEATERS**

Enclosed are:

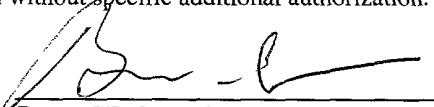
1. ☒ Patent application (42) total pages.
2. ☒ Drawings: ☒ Formal (17) sheets or ☐ Informal () sheets.
3. ☒ Declaration/Power of Attorney: ☐ Signed ☒ Unsigned
4. ☐ An Assignment () pages and Recordation Form Cover Sheet.
5. ☐ A Preliminary Amendment ( ) pages.
6. ☐ Information Disclosure Statement (IDS):
  - a. ☐ PTO-1449
  - b. ☐ Copies of IDS Citations (number of citations: )
- ☐ Other:

CLAIMS:	(a) Filed	(b) Extra Claims	Large Entity Fee	Fee Paid
Total*	45 - 20	15	x \$18 =	\$270.00
Independent**	9 - 3	6	x \$80 =	\$480.00
Multiple Dependent Claim(s): <input type="checkbox"/> No <input type="checkbox"/> Yes			\$270	\$
APPLICATION FILING FEE			\$710	\$710.00
			TOTAL FEE	\$1460.00

\*If the number in column a is less than 20, enter 0 in column b

\*\*If the number in column b is less than 3, enter 0 in column b.

- ☐ A check in the amount of \$\_\_\_\_\_ is enclosed to pay the filing fee.
- ☒ Please charge Deposit Account No. 17-0026 of QUALCOMM Incorporated the amount of \$1460.00. The Commissioner is hereby authorized to charge payment of any additional fees which may be required, or credit any overpayment, to said Deposit Account No. 17-0026. A duplicate of this sheet is enclosed for fee processing.
10. ☒ The Commissioner is further hereby authorized to charge to said Deposit Account No. 17-0026, pursuant to 37 CFR 1.25(b), any fee whatsoever which may become properly due or payable, as set forth in 37 CFR 1.16 to 37 CFR 1.18 inclusive, for the entire pendency of this application without specific additional authorization.

Date: August 3, 2001Signature: 

Bruce W. Greenhaus  
Attorney for Applicant  
Registration No. 37,339

QUALCOMM Incorporated  
Attn: Patent Department  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-1179  
Facsimile: (858) 658-2502

010048

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In Re Application of:  
Amerga, et al.

For: POSITION DETERMINATION IN A  
WIRELESS COMMUNICATION  
SYSTEM WITH DETECTION AND  
COMPENSATION FOR REPEATERS

Serial No.: UNKNOWN

Group Art Unit: UNKNOWN

Filed: HERewith on August 3, 2001

CERTIFICATE OF MAILING UNDER 37 CFR § 1.10

Commissioner of Patents  
BOX PATENT APPLICATION  
Washington, D.C. 20231

Dear Sir:

"Express Mail" mailing label No.

EL 903 005 806 US

Date of Deposit

August 3, 2001

I hereby certify that this paper or fee is being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 CFR § 1.10 on the date indicated above and is addressed to the Commissioner of Patents, Box Patent Application, Washington, D.C. 20231. The following documents are enclosed: TRANSMITTAL LETTER in duplicate; PATENT APPLICATION (Spec. 32 pgs, Claims in 9 pgs, Abstract in 1 pg, Drawings in 17 pgs ); COMBINED DECLARATION AND POWER OF ATTORNEY IN TWO (2) PAGES; and POSTCARD.

Victoria Pacey

(Name)

(Signature)

QUALCOMM Incorporated  
5775 Morehouse Drive  
San Diego, California 92121-1714  
Telephone: (858) 651-6399  
Facsimile: (858) 658-2502

[010048]